

# Teresa Liang

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Available to work starting July 2024

## EDUCATION

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### University Of California Irvine

Irvine, CA

Bachelor of Science in Computer Science with a Statistics Minor

Sept 2021 - June 2024

- Relevant Coursework: Algorithms, Data Structure, System Design, Machine Learning & Data-Mining, Computer Organization, Programming in C/C++, Data Management, Software Engineering, Statistics
- Honors: Dean's List, Phi Beta Kappa Book Award (GPA: 4.0/4.0)
- Clubs: ICS Student Council (ICSSC), Association of Computing Machinery (ACM), Crosslife College Fellowship, Asian American Christian Fellowship

### Santa Rosa Junior College

Santa Rosa, CA

- Earned Skills Certificate in Computer Studies: Web and Mobile Front-End Development by completing Web Development I, II, III

June 2018 - June 2021

## SKILLS

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- Proficient in Python, HTML, and CSS. Experience with C++, Bash, Flask, React Native, SQL, JavaScript.
- Fluent in English, limited proficiency in Mandarin, and elementary proficiency in Spanish.

## WORK EXPERIENCE

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### General Motors

Warren, MI

Software Engineering Intern for the DevOps Team

Summer 2023

- Collaborated closely with the team to migrate the development workflow from Gerrit to GitHub using tools such as Jira, Jenkins, and Artifactory.
- Integrated comprehensive code testing and static analysis measures for GitHub, ensuring high-quality code submissions.
- Developed robust scripts to automate the release generation and delta packaging process, increasing the efficiency of managing and deploying GM's software to end-users.

### Micro-Vu Corporation

Windsor, CA

Electronics Intern

Sept 2020 – Sept 2022

- Developed a React Native app and Flask API from scratch to help 20+ employees easily keep track of item inventory, search up item details, make item transfers, and get item pick lists for work orders, improving production rates. Implemented designs from 4+ engineers and other user feedback.
- Developed a location-searching tool using Python Flask to accelerate the process of finding machine parts.
- Created 4 Python Flask web applications that visualize manufacturing progress data.
- Migrated Visual FoxPro scripts into Python and automated the process of sending these reports as emails
- Guided new interns on the manufacturing, assembling, and testing of various sub-components for precision measurement equipment.

## EXTRACURRICULARS & VOLUNTEER EXPERIENCE

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### Information and Computer Sciences Student Council (ICSSC)

Irvine, CA

Projects Committee Member

Nov 2022 – Present

- Used React to create new features for AntAlamanac, a website with 46,000 annual users that helps students organize class schedules.
- Collaborated with a team of 10 by conducting code reviews, suggesting feature enhancements, and contributing to weekly stand-up meetings.

### Association of Computing Machinery (ACM)

Irvine, CA

Director of Public Relations

Dec 2022 – Present

- Organized club social events to strengthen interpersonal relationships within the organization.
- Spearheaded targeted outreach efforts that successfully increased club membership.

### Together Above All Nonprofit Organization

Santa Rosa, CA

Co-founder and Vice President

Aug 2020 – Aug 2021

- Coordinated, facilitated, and taught a 4-week online Summer STEAM Program for 4th-6th graders to participate in hands-on workshops.
- Worked with my local library to install a 32 ft wide by 8 ft tall mural to encourage women in STEAM.